

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1 Claim 1 (currently amended): An alloy carbon steel comprising iron and a maximum of 0.35% by weight of carbon, said alloy carbon steel having a triple-phase microstructure comprising ferrite crystals fused with martensite-austenite crystals, said martensite-austenite crystals comprising laths of martensite alternating with thin films of austenite and constituting from about 5% to about 95% by weight of said triple-phase microstructure.
- 1 Claim 2 (original): An alloy carbon steel in accordance with claim 1 in which said martensite-austenite crystals are devoid of carbide precipitates at interfaces between phases.
- 1 Claim 3 (canceled)
- 1 Claim 4 (original): An alloy carbon steel in accordance with claim 1 in which said martensite-austenite crystals constitute from about 15% to about 60% by weight of said triple-phase microstructure.
- 1 Claim 5 (original): An alloy carbon steel in accordance with claim 1 in which said martensite-austenite crystals constitute from about 20% to about 40% by weight of said triple-phase microstructure.
- 1 Claim 6 (original): An alloy carbon steel in accordance with claim 1 in which said carbon constitutes from about 0.01% to about 0.35% by weight of said triple-phase microstructure.

- 1 Claim 7 (original): An alloy carbon steel in accordance with claim 1 in which said carbon constitutes from about 0.03% to about 0.3% by weight of said triple-phase microstructure.
- 1 Claim 8 (original): An alloy carbon steel in accordance with claim 1 in which said carbon constitutes from about 0.05% to about 0.2% by weight of said triple-phase microstructure.
- 1 Claim 9 (original): An alloy carbon steel in accordance with claim 1 further comprising silicon at a concentration of from about 0.1% to about 3% by weight of said alloy composition.
- 1 Claim 10 (original): An alloy carbon steel in accordance with claim 1 further comprising silicon at a concentration of from about 1% to about 2.5% by weight of said alloy composition.
- 1 Claim 11 (original): An alloy carbon steel in accordance with claim 1 in which said carbon constitutes from about 0.03% to about 0.3% by weight of said triple-phase microstructure, said alloy carbon steel further comprising silicon at a concentration of from about 0.1% to about 3% by weight of said alloy composition.
- 1 Claim 12 (original): An alloy carbon steel in accordance with claim 1 in which said carbon constitutes from about 0.05% to about 0.2% by weight of said triple-phase microstructure, said alloy carbon steel further comprising silicon at a concentration of from about 1% to about 2.5% by weight of said alloy composition, and containing substantially no carbides.

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- 1 Claims 13-22 (withdrawn)